



Product datasheet

Anti-K27 antibody ab220725

1 Image

Overview

Product name	Anti-K27 antibody		
Description	Rabbit polyclonal to K27		
Host species	Rabbit		
Tested applications	Suitable for: IHC-P		
Species reactivity	Reacts with: Human		
Immunogen	Recombinant fragment corresponding to Human K27 aa 10-46. Sequence: RRLGSCGGTGSVRLSSGGAGFGAGNTCGVPGIGSGF S Database link: Q7Z3Y8	 Run BLAST with	 Run BLAST with
Positive control	IHC-P - Human hair tissue.		
General notes	Previously labelled as KRT27.		

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab220725** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/2500 - 1/5000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Relevance K27 is a member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21.

Cellular localization Cytoplasm; intermediate filament.

Images



Immunohistochemical analysis of formalin fixed, paraffin embedded Human hair tissue labeling K27 with ab220725 at 1/2500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-K27 antibody (ab220725)

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